

Title (en)

WIND TURBINE STAND STILL LOAD REDUCTION

Title (de)

VERRINGERUNG DER STILLSTANDSLAST EINER WINDTURBINE

Title (fr)

RÉDUCTION DE CHARGE À L'ARRÊT POUR ÉOLIENNE

Publication

EP 2483555 A2 20120808 (EN)

Application

EP 10781408 A 20100924

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Abstract (en)

[origin: WO2011035788A2] The invention relates to a method of controlling a wind turbine comprising a tower, a nacelle located on the tower, and a rotor mounted on the nacelle and comprising a hub and at least one blade, the wind turbine further comprising a yaw drive system for rotating the nacelle in relation to the tower about a substantially vertical axis, and/or a pitch drive system for rotating the blade around a longitudinal axis there of, the method comprising, during a stand-still, non-power-producing situation of the wind turbine due to high wind speeds, continuously or periodically rotating, by means of the yaw drive system, the nacelle so as to vary the direction of the wind in relation to the rotor, and/or continuously or periodically rotating, by means of the pitch drive system, the blade so as to vary the direction of the wind in relation to the blade.

IPC 8 full level

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Citation (search report)

See references of WO 2011035788A2

Cited by

EP3859144A1; EP4194686A1; US12012931B2; EP4390113A1; WO2024132633A1; WO2021151643A1; WO2021104597A1

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